

A B S T R A C T

A SYSTEM FOR ASSISTING THE REGENERATION OF DEPOLLUTION
MEANS FOR A MOTOR VEHICLE ENGINE

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This system, in which the engine (4) is associated with a turbocharger (5, 6) and with feed means (7) adapted to implement first level and second level regeneration strategies (10, 11) depending on different engine operation control parameters in order to obtain different temperature levels in the exhaust line (3), is characterized in that it includes acquisition means (9) for acquiring the temperature level in the line, comparator means (8) for comparing said temperature level with a safety threshold value for the turbine of the turbocharger so that in the event of the threshold being exceeded while applying the second level strategy (10), the feed means (7) are controlled to cause one of the engine operation control parameters to be regulated in such a manner as to reduce the temperature level, and if said level does not drop back below the threshold value at the end of a first time period, the feed means (7) are controlled to switch over to the first level strategy (11), and if the temperature level still does not drop back below the threshold value at the end of a second time period, the feed means (7) are controlled to stop the regeneration strategy.

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Translation of the title and the abstract as they were when originally filed by the
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